

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

EPA: P 633 102 279 MDNR: P 633 102 280

July 6, 1994

Ms. Bonnie Eleder - 5HE-12 Remedial Project Manager CERCLA Enforcement Section U. S. Environmental Protection Agency 230 S. Dearborn Street Chicago, IL 60604

Mr. Oladipo Oyinsan, Supervisor Michigan Department of Natural Resources 38980 Seven Mile Road Livonia, MI 48152

To Whom It May Concern:

Enclosed are copies of Inspection Reports for the Riverview site for the time period January 1993 through March 1994.

If there are any questions, please contact me.

Very truly yours,

Douglas P. Thiel
Manager, Quality & Ecology Services

Enc.

**₩** 

C:\DTHIEL\INSPCRPT.KMB

cc: Mr. Dennis J. Hall

Chief Office of Litigation & Program Services

Michigan Department of Natural Resources.

P.O. Box 30028 Lansing, MI 48909

US EPA RECORDS CENTER REGION 5

# ENVIRONMENTAL

# ENVIRONMENTAL

PREVENTIVE MAINTENANCE	·
BASF Corporation PREPARED BY: TITLE: RIVERVIEW PROPERTY	DATE ISSUED/REVISED: 08/24/92 CURRENT WORK ORDER: 1015759
CC No.: 30580 INSPECTION FREQUENCY: QUARTERLY INSPECTION DUE 03/28/94	Folder No.: 1490M3.RTE SHEET 1 Eq Code: 3058000 00
PROCEDURE	REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED
FOLDER NUMBER: 1490M3.RTE  UPONREVIEW AND APPROVAL, RETURN THIS PM TO ENGINEERING FOR PREPARATION OF  THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK OR DRIVE OF READ THIS PM COMPLETELY, PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED  1. Inspect entire fence.  A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.	VER A LARGE AREA. THE INSPECTOR SHOUL
B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.  WARNING KEEP OUT MANAGED INDUSTRIAL WASTE DISPOSAL AREA	I.B. 1. Are signs spaced every 100 ft.? Yes X No  2. Make a list of missing, rusted, bent, illegible, etc., signs.
II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.  A. Look for any "bare" areas (spots or areas which do not have plant life growing).  1. South of North gate on both sides of fence. ~ 50ft.  2. N. Side of center ditch @ joint *19. ~ 3ft.  3. N. Side of center ditch @ joint *7.= 6ft.  4. S. Side of center ditch @ joint *4.5. ~ 3oft.  5. N. Side of center ditch @ joint *4. ~ 4ft.  6. ~ 40ft. S. of center ditch @ joint *11. ~ 100ft.	II.A. List "bare" areas. Describe size and location of bare spot.

### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE

SHEET

B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.

III. Inspect the shoreline for stability.

- Review the integrity of the compacted clay cover. IV.
  - $\Lambda.$  Inspect the entire area for the physical condition of the surface.

- B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.
- Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property ٧. onto the site.

II.B.	List the "average" height of the vegetation.  2"
III.	List any shoreline erosion, washing, other deterioration or accumulation of debris.
IV.A.	List any erosion, standing pools of water, weathering, change in drainage patterns, etc.
IV.B.	List deep rooted vegetation.

Is the berm at least 6 inches above the level of the Fireν. stone property at the property line? No

> Is there any evidence of water flowing from the Firestone property onto the site?
> Yes \_\_\_\_ No K

FOLDER HO.: 1490M3.RTE

Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner. V1.

A. Look at overall condition of the ditches.

There are thirty (30) joints in the center ditch.

Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? Standing the along entire length of ditch, masky dear of some rist color.

oint 4:	Cracked reserved.
oint 6:_	Cracled - reseal
	Cracked reseal
Joint 10:	Crayled - reseal

### ENVIRONMENTAL

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V	Ι.Α.	List cret crac stan	any c e, lea ks. ac ding w	racks king cumul ater,	in thro ated etc	the c ugh t debr	on he is,
-	Som	e bro	ten a	less .	debr ter	ام دو د	لوصا
			condi		of e	ach j	oint.
Joir	nt 3	:	racked	]- <i>r</i> ej	ical		
Jo	oint	5:	Cade	zd - r	ejea		
	oint	7:	Crack	ed -1	resca	J	
Jo	oint	9:	OK	,			
	oint	11:_	Crack	دما - ۱	esea	1	

FOLDER NO.: 1490M3.RTE

### **ENVIRONMENTAL**

SHEET 4

B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? VI.

> Joint 13: Cracked - reseal Joint 15: Cracked- reseal Joint 17: Crayled - resent Joint 19: Craved - reseal Joint 21: <u>Cracked</u> - resent Joint 23: **OL**\_\_\_\_\_ Joint 25: OK

	List condition of each joint.  12:
Joint	14: crack between 13:14
Joint	16: OL
Joint	18: OK
Joint	20: OK
Joint	22: OK
Joint	24: Cracked-rescal
	26: <u>Cracted-resect</u> cracts between 25 = 26

### ENVIRONMENTAL

### **ENVIRONMENTAL**

SHEET FOLDER NO.: 1490M3.RTE B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? VI.B. List condition of each joint. VI. Joint 27: cack between 27: 28-caulk Joint 28:\_\_\_\_\_ \_\_\_\_\_ Joint 29:\_\_\_\_\_ Joint 30: There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? Joint A:\_\_\_\_\_ Joint C:\_\_\_\_ Joint D: crack (setween D & VII. List any problems with the Inspect each of the nine (9) monitoring wells for VII. integrity. wells. none\_\_\_\_

ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL SHEET 6

Upon completion of this PM, it must be routed	for signature/comments as i	indicated on page 1.
Upon completion of this PM, it must be routed Inspected by:	-	Date Inspected: Warch 25, 1994
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### **ENVIRONMENTAL**

### **ENVIRONMENTAL**

PREVENTIVE MAINTENANCE

BASF Corporation
TITLE: RIVERVIEW PROPERTY

PREPARED BY:

DATE ISSUED/REVISED: 08/24/92 CURRENT WORK ORDER: 1013000

CC No.: 30580

INSPECTION FREQUENCY: QUARTERLY

INSPECTION DUE 12/27/93

Folder No.:

1490M3.RTE

SHEET 1

3050000

Eq Code:

3058000-00

PROCEDURE

REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M3.RTE

UPONREVIEW AND APPROVAL, RETURN THIS PM TO ENGINEERING FOR PREPARATION OF PRINTED REPORT AND FILING OF THIS PM.

THIS PM REQUIRES THE INSPECTOR TO LOOK AT MANY THINGS AND WALK OR DRIVE OVER A LARGE AREA. THE INSPECTOR SHOULD READ THIS PM COMPLETELY, PRIOR TO MAKING THE INSPECTION SO THAT NO WASTED EFFORT HAS TO OCCUR "GOING BACK".

- Inspect entire fence.
  - A. Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

WARNING
KEEP OUT
MANAGED INDUSTRIAL WASTE DISPOSAL AREA

- II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.
  - A. Look for any "bare" areas (spots or areas which do not have plant life growing).

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

I.B. 1. Are signs spaced every 100 ft.? Yes No\_\_\_

Make a list of missing, rusted, bent, illegible, etc., signs.

II.A. List "bare" areas. Describe size and location of bare spot.

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FOLDER NO.: 1490M3.RTE

SHEET 2

	B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.	II.B. List the "average" height of the vegetation.	
111.	Inspect the shoreline for stability.	III. List any shoreline erosion, washing, other deteriora- tion or accumulation of debris.	
ıv.	Review the integrity of the compacted clay cover.		
	A. Inspect the entire area for the physical condition of the surface.	IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.	
		10 0 E.	
	B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.	IV.B. List deep-rooted vegetation.  The province Fence in a province in the pr	<i>ļ</i>
v.	Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.	V. Is the berm at least 6 inches above the level of the Firestone property at the property line?  Yes   No	
		Is there any evidence of water flowing from the Fire-stone property onto the site?  Yes No	

### **ENVIRONMENTAL**

### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE SHEET VI. Inspect the two concrete drainage ditches on the site, VI.A. List any cracks in the concrete, leaking through the one through the center and one at the northeast corner. cracks, accumulated debris, A. Look at overall condition of the ditches. standing water, etc. B. There are thirty (30) joints in the center ditch.
Note condition of each joint. Is joint in place or is
it protruding above the surface of the concrete? Is VI.B. List condition of each joint. Joint 1:\_\_\_\_\_ the joint leaking? If there is standing water at the joint, is it clear or off color? Joint 3: Joint 4: CENCK BIN 364 Joint 6:\_\_\_\_\_ Joint 7:\_\_\_\_\_ Joint 9: Joint 8: Joint 10:\_\_\_\_\_ Joint 11:

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Joint 23:\_\_\_\_\_

Joint 25:

Joint 24:\_\_\_\_\_

Joint 26:\_\_\_\_\_

FOLDER NO.: 1490M3.RTE

SHEET 4

VI.	В.	(Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?	VI.B. List condition of each joint.  Joint 12:
		Joint 13:	Joint 14:
		Joint 15:	Joint 16:
		Joint 17:	Joint 18: ERUZEN 5: ANDING WHICE BELIND HEEP EXTENSS FOR RICKE
		Joint 19:	Joint 20:
		Joint 21:	Joint 22:

### **ENVIRONMENTAL**

### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE SHEET 5 B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in VI. VI.B. List condition of each joint. place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? Joint 27:\_\_\_\_\_ Joint 28: Joint 29:\_\_\_\_\_ Joint 30:\_\_\_\_\_ There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the Joint A:\_\_\_\_\_ joint, is it clear or off color? Joint B: Joint C:\_\_\_\_\_ Joint D: VII. List any problems with the Inspect each of the nine (9) monitoring wells for integrity. wells. WELL 'M' DRY. 

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•	PREVENTIVE MAINTENANCE	
BASF Corporation FITLE: RIVERVIEW PROPERTY	PREPARED BY:	DATE ISSUED/REVISED: 08/24/92 CURRENT WORK ORDER: 1009953
CC No.: 30580 INSPECTION FREQUENCY: QUARTERLY INSPECTION DUE 09/27/93		Folder No.: 1490M3.RTE SHEET 1 Eq Code: 3058000-00
PROCEDURE		REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED
FOLDER NUMBER: 1490M3.RTE		
UPONREVIEW AND APPROVAL, RETURN TH	HIS PM TO ENGINEERING FOR PREPARATION OF	PRINTED REPORT AND FILING OF THIS PM.
THIS PM REQUIRES THE INSPECTOR TO READ THIS PM COMPLETELY, PRIOR TO	D LOOK AT MANY THINGS AND WALK OR DRIVE D MAKING THE INSPECTION SO THAT NO WASTE	OVER A LARGE AREA. THE INSPECTOR SHOULD DEFFORT HAS TO OCCUR "GOING BACK".
	ly intact, including 3 strands of ll gates must be locked.	I.A. Make a list of any broken barbed wire, broken or de- formed fence, bent or dam- aged fence posts or rails, gate hinges, locks, etc.
property. The signs of	e. Signs must face outward from must be spaced at 100' intervals on property. The signs must be in -1/2" high letters.	I.B. 1. Are signs spaced every 100 ft.? Yes No  2. Make a list of missing, rusted, bent, illegible,
WARNII KEEP ( MANAGED INDUSTRIAL		etc., signs.  514N MISSING NORTH FENCE THST BEFORE BEEN
II. Inspect vegetation from Jest common property line with 1	fferson/to the water and from the Firestone to the municipal ramp.	
1 3 - 3 - 6	EAS (spots or areas which do not g).  ENCE, SUNTH OF PRAINTIE	II.A. List "bare" areas. Describe size and location of bare spot.  BARE SPOT SOUTH OF FORDUTS 12-14  GE-20 HZ  BARE SPOT NORTH FOINT 7  F HZ
	·	5 tt

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FOLDER NO.: 1490M3.RTE

SHEET 2

	B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.	II.B. List the "average" height of the vegetation.  GLASS IS ASOMT 5
111.	Inspect the shoreline for stability.	III. List any shoreline erosion, washing, other deterioration or accumulation of debris.
IV.	Review the integrity of the compacted clay cover.	
	A. Inspect the entire area for the physical condition of the surface.	IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.
		STANDING WATER ON E. FIENCE INLE
	B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.	IV.B. List deep-rooted vegetation.  TREE GRAING ON FENCELNE W7  FIREITONE.
v.	Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.	V. Is the berm at least 6 inches above the level of the Firestone property at the property line?  Yes No
		Is there any evidence of water flowing from the Firestone property onto the site?

### **ENVIRONMENTAL**

### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE SHEET 3 VT. Inspect the two concrete drainage ditches on the site, VI.A. List any cracks in the conone through the center and one at the northeast corner. crete, leaking through the cracks, accumulated debris, A. Look at overall condition of the ditches. standing water, etc. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is VI.B. List condition of each joint. Joint 1: STANDING WATER BEGINS the joint leaking? If there is standing water at the joint, is it clear or off color? HELE Joint 2: Joint 3:\_\_\_\_\_ Joint 4:\_\_\_\_\_ Joint 5: Joint 6:\_\_\_\_\_ Joint 7: \_\_\_\_\_ Joint 9:\_\_\_\_\_ Joint 8: Joint 10: NEEOS CALCK Joint 11:\_\_\_\_\_

### **ENVIRONMENTAL**

SHEET

### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE

VI. B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?

Joint 13: \_\_\_\_\_ Joint 15:\_\_\_\_\_ Joint 17:\_\_\_\_\_ Joint 19:\_\_\_\_\_ Joint 21:\_\_\_\_\_ Joint 23:\_\_\_\_\_ Joint 25: CRACK BTW 26/25

VI.B.	List condition of each joint.
Joint CCA	12: FUNT HAS A CARGE
Joint	14:
Joint	16:
Joint	18:
Joint	20:
Joint	22:
Joint ENわ	24: STANDING WATER
Joint	26:

# **ENVIRONMENTAL**

FOLDE	R 'NO.	: 1490M3.RTE	SHEET 5
VI.		(Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?	VI.B. List condition of each joint.
		Joint 27: LARGE & CRACK BTW.	Joint 28:
		Joint 29:	Joint 30:
		There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?	Joint A:
		Joint B:	Joint C: NEED'S CARCKING
			Joint D:
VII.	Insp inte	pect each of the nine (9) monitoring wells for egrity.	VII. List any problems with the wells.

# **ENVIRONMENTAL**

**ENVIRONMENTAL** 

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# **ENVIRONMENTAL**

PREVENTIVE MAINTENANCE

ASF Corporation ITLE: RIVERVIEW PROPERTY	Route Upon Completion To:	DATE ISSUED/REVISED: 08/24/92 CURRENT WORK ORDER: 1008009		
C No.: 30580 NSPECTION FREQUENCY: QUARTERI NSPECTION DUE 06/28/93	Site Gen. Ngr. Site Environ.	Folder No.: 1490M3.RTE SHEET 1 Eq Code: 3058000-00		
PROCEDURE		REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED		
OLDER NUMBER: 149UM3.RTE				
THIS PM REQUIRES THE INSPECTOR	THIS PM TO ENGINEERING FOR PREPARATION O TO LOOK AT MANY THINGS AND WALK OR DRIVE TO MAKING THE INSPECTION SO THAT NO WAST	OVER A LARGE AREA. THE INSPECTOR SHOULD		
<ul> <li>Inspect entire fence.</li> <li>A. Fence must be completed barbed wire on top.</li> </ul>	ely intact, including 3 strands of All gates must be locked.	I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.		
property. The signs all four sides of the good condition with WARI KEE	nce. Signs must face outward from s must be spaced at 100' intervals on ne property. The signs must be in 1-1/2" high letters.  VING POUT AL WASTE DISPOSAL AREA	I.B. 1. Are signs spaced every 100 ft.? Yes X No  2. Make a list of missing, rusted, bent, illegible, etc., signs.		
common property line with	Jefferson/to the water and from the reference to the municipal ramp.  Areas (spots or areas which do not the lang).	II.A. List "bare" areas. Describe size and location of bare		

between Jts. 7 & 8 North Side. Bare shot loft x 10ft South side of center ditch near ats.

spot.

III. Inspect the shoreline for stability.

of the surface.

onto the site.

B. Measure the height of the vegetation. As the vegetation

Review the integrity of the compacted clay cover.

A. Inspect the entire area for the physical condition

B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any

Inspect the berm which is constructed along the common

property line with Firestone. This berm is constructed

to eliminate water flowing from the Firestone property

should be considered deep-rooted.

vegetation which is taller than surrounding vegetation

is measured, look for areas where growth is stunted.

### **ENVIRONMENTAL**

### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE

IV.

v.

12" to 18"

SHEET 2

II.B. List the "average" height of the vegetation. III. List any shoreline erosion, washing, other deterioration or accumulation of debris. Stable IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, IV.B. List deep-rooted vegetation. ٧. Is the berm at least 6 inches above the level of the Firestone property at the property line?
Yes X No \_\_\_ Is there any evidence of water flowing from the Firestone property onto the site? Yes \_\_\_ No \_X

### **ENVIRONMENTAL**

# **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE

VI.

SHEET

3

Inspect the two concrete drainage ditches on the site, VI.A. List any cracks in the conone through the center and one at the northeast corner. crete, leaking through the cracks. accumulated debris, A. Look at overall condition of the ditches. standing water, etc. B. There are thirty (30) joints in the center ditch.
Note condition of each joint. Is joint in place or is
it protruding above the surface of the concrete? Is
the joint leaking? If there is standing water at the
joint, is it clear or off color? VI.B. List condition of each joint. Joint 1: Joint 4: Cracks between 3 & 4

poppolish k:

Sympathy

point 6: Needs Caulking Joint 3: Needs Patching Joint 5: Crack in Concrete Joint 8: Standing water beginning here Joint 9: \_\_\_\_\_ Joint 10: Needs Caulking Joint 11: Standing water ends here. Jew J. Accumulated mud begins here

# ENVIRONMENTAL ENVIRONMENTAL

FOLDER NO.: 1490M3.RTE

SHEET 4

VI. B.	(Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?	VI.B. List condition of each joint.  Joint 12:
	Joint 13:	Joint 14: Standing water, mud accumulation ends
	Joint 15: Needs Caulking mud accumulation	Joint 16:
	Joint 17: Needs Caulking	Joint 18: <u>Standing water</u> , brown in color begins here.
	Joint 19:	Joint 20:
	Joint 21:	Joint 22:
	Joint 23:	Joint 24: <u>Standing water ends here</u>
	Joint 25: Cracks between 25 & 26	Joint 26:

# ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL

FOLDE	R NO	.: 1490M3.RTE	SHEET 5		
VI.	в.	(Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?	VI.B. List condition of each joint.		
		Joint 27: Cracks between 27 & 28	Joint 28:		
		Joint 29:	Joint 30: Accumulated debris from 28 - 30.		
		There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color?	Joint A:		
		Joint B: Needs patching	Joint C: Needs patching		
			Joint D: Needs patching		
VII.	Ins int	pect each of the nine (9) monitoring wells for egrity.	VII. List any problems with the wells.		

**ENVIRONMENTAL** 

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, FOLDER NO.: 1490M3.RTE

SHEET

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Upon completion of this PM, it must be routed for signature/comments as i	indicated on page 1.
Inspected by:	Date Inspected: 6/28/93
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### **ENVIRONMENTAL**

# **ENVIRONMENTAL**

PREVENTIVE MAINTENANCE

BASF Corporation TITLE: RIVERVIEW PROPERTY

PREPARED BY:

DATE ISSUED/REVISED: 08/24/92 CURRENT WORK ORDER: 1006232

4-5-9.7 10:30 Amyr

3/93 Insputz

CC No.: 30580 INSPECTION FREQUENCY: QUARTERLY

INSPECTION DUE 03/29/93

Folder No.:

1490M3.RTE

SHEET 1 Eq Code:

NOVÉ

3058000-00

**PROCEDURE** 

REPORT HERE - FINDINGS & ITEMS REPAIRED OR REQUIRED

FOLDER NUMBER: 1490M3.RTE

UPONREVIEW AND APPROVAL, RETURN THIS PM TO ENGINEERING FOR PREPARATION OF PRINTED REPORT AND FILING OF THIS PM.

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- Inspect entire fence. I.
  - Fence must be completely intact, including 3 strands of barbed wire on top. All gates must be locked.

B. Inspect signs on fence. Signs must face outward from property. The signs must be spaced at 100' intervals on all four sides of the property. The signs must be in good condition with 1-1/2" high letters.

> WARNING KEEP OUT MANAGED INDUSTRIAL WASTE DISPOSAL AREA

- II. Inspect vegetation from Jefferson/to the water and from the common property line with Firestone to the municipal ramp.
  - A. Look for any "bare" areas (spots or areas which do not have plant life growing).

SEE pg. Co.

I.A. Make a list of any broken barbed wire, broken or deformed fence, bent or damaged fence posts or rails, gate hinges, locks, etc.

I.B. 1. Are signs spaced every 100 ft.? Yes No

> 2. Make a list of missing, rusted, bent, illegible, etc., signs.

II.A. List "bare" areas. Describe size and location of bare spot.

# ENVIRONMENTAL ENVIRONMENTAL ENVIRONMENTAL

FOLDER NO.: 1490M3.RTE

SHEET

2

	B. Measure the height of the vegetation. As the vegetation is measured, look for areas where growth is stunted.	II.B. List the "average" height of the vegetation.
111.	Inspect the shoreline for stability.	III. List any shoreline erosion, washing, other deteriora- tion or accumulation of debris.
IV.	Review the integrity of the compacted clay cover.	
	A. Inspect the entire area for the physical condition of the surface.	IV.A. List any erosion, standing pools of water, weathering, change in drainage patterns, etc.
		NONE
	B. Look for any deep-rooted vegetation (trees or other plant life which might or does have tap roots). Any vegetation which is taller than surrounding vegetation should be considered deep-rooted.	IV.B. List deep-rooted vegetation.
v.	Inspect the berm which is constructed along the common property line with Firestone. This berm is constructed to eliminate water flowing from the Firestone property onto the site.	V. Is the berm at least 6 inches above the level of the Firestone property at the property line?
ļ		Is there any evidence of water flowing from the Fire- stone property onto the site:

### **ENVIRONMENTAL**

### **ENVIRONMENTAL**

OLDER NO.: 1490M3.RTE SHEET 3 Inspect the two concrete drainage ditches on the site, one through the center and one at the northeast corner. /I. A. Look at overall condition of the ditches. There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? Joint 2:\_\_\_\_\_ Joint 4: SEVERAL (RACKS ACCUMULATED SEDIMENTS Joint 6:\_\_\_\_\_ Joint 8:\_\_\_\_\_ Joint 10:\_\_\_\_\_

VI.A.	VI.A. List any cracks in the con- crete, leaking through the cracks. accumulated debris, standing water, etc.			con- the ris,	
		conditi			_
Joint 3:					
Joint	5:				
Joint Je	7: <u>۲</u>	CACKE			HOLE
Joint	9:				
Joint	11:_(	CLEAN	OhT	SEPI	med1

Joint 25: HULE I' WEST OF JOINT

### ENVIRONMENTAL ENVIRONMENTAL

Joint 26: <u>(FACK (2)</u>

FOLDER NO.: 1490M3.RTE SHEET 4 B. (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? VI.B. List condition of each joint. /I. Joint 12:\_\_\_\_\_ Joint 13:\_\_\_\_\_ Joint 14:\_\_\_\_\_ Joint 15: JOINT NEEDS PEPAIR Joint 16: Joint 18: NEEDS REPAIR
OILY SHEEN RUNNING OUT SOIL
FROM SOUTH SIDE Joint 17: NEEDS PEPAIR GRAKED Joint 19: NEEDS EEFAIR Joint 20: NEEDS CAULK Joint 21:\_\_\_\_\_ Joint 22:\_\_\_\_\_ Joint 24:\_\_\_\_\_ Joint 23:\_\_\_\_

### **ENVIRONMENTAL**

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### **ENVIRONMENTAL**

FOLDER NO.: 1490M3.RTE (Cont'd.) There are thirty (30) joints in the center ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the joint leaking? If there is standing water at the joint, is it clear or off color? JI. VI.B. List condition of each joint. Joint 27: HOLR IN CONCRETE Joint 28: CRACK @ Joint 29: Joint 30:\_\_\_\_\_ There are four (4) joints in the north ditch. Note condition of each joint. Is joint in place or is it protruding above the surface of the concrete? Is the Joint A: NICEDT CALL H STANDING HID BEYOND A-C joint leaking? If there is standing water at the joint, is it clear or off color? Joint B: NEEDS LANCE Joint C: NEFRS LALLY \_\_\_\_\_ Joint D: CRACK IN CONCRETÉ E' NÉVERD TOINT WATER FLOWING TO RIVER VII. Inspect each of the nine (9) monitoring wells for VII. List any problems with the integrity. wells.

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OLDER NO.: 1490M3.RTE

SHEET

con completion of this PM, it must be routed for signature/communication by:	ents as indicated on page 1.  Date Inspected: $3-30-93$
****** END ****** END ****** END ****** END ****** END	from 1 ft 2 to 25 ft
Some large bore men renter of	441